

Avilash Jha

Software Engineer

A dependable, energetic, hardworking person. Able to handle multiple tasks with creative approach. and always eager to learn new skills. Skilled in Python, Pandas, React, SQL, PostgreSQL, Web Services, API, GCP, AWS, Mongo DB, Node JS.

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WORK EXPERIENCE

Software Engineer Infostretch Corporation Pvt Ltd

07/2019 - Present Pune, India

- Developed Authentication, Authorization, CRUD **Operation** Rest Services using Flask, Redis, postgres.
- Worked on **End to End** implementation of the project using Flask, React, postgres, AWS. Covered Unit/ Integration test case.
- Worked on **API Integration** with React. Implemented Different view using Material UI, Conditional Css. DB Migration, ETL Processing of data, Data Scrapping.
- Worked on Cloud Services like AWS EC2, S3, Cognito, Lambda Service, GCP Bigguery, Datastore. Created bitbucket pipeline for CI/CD of code to AWS services.
- Designed **POC Chatbot** using Python, NLTK, Keras and TensorFlow Library to train model. Integrate the model with the Flask. **Authentication** with the existing API.
- Leaded **Backed team** and delivered the project in the given timeline.

EDUCATION

Lokmanya Tilak College Of Engineering BE(Computer Engineering)

06/2015 - 04/2019 Navi Mumbai Projects

- IOT Medcloud - QA System

Model College Of Sciene

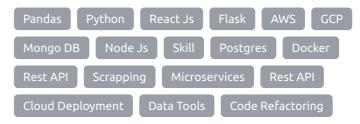
HSC (Science) 06/2013 - 05/2015

Kalyan, Mumbai

Chetna English High School SSC (Maharashtra Board)

06/2003 - 05/2013 Kalyan, Mumbai

SKILLS



PERSONAL PROJECTS

QA System (12/2017 - 01/2018)

Developed an integrated **web interface** for a user to ask the question and give answer. It is a question and answer website where the question is asked, answered, edited by the user. All the functionalities were implemented in java deployed the application in Apache Tomcat server with MYSQL as the back end and JSP, HTML as a front-end.

IOT Medcloud System (09/2018 - 02/2019)

Developed an integrated web interface. The web application module consists of the three sub-module patients, hospital, doctor. The web application follows the Model-View-Controller design pattern. All the functionalities in java deployed the application in Amazon Web **Services** server. To take **real-time accurate** data of patient we make use of IoT device (Heart Rate Sensor, Temperature Sensor).

Ration Web App (04/2021 - Present)

Developing an PWA, Web Application using Flask, React JS, Postgres, Heroku. This Application will help the local ration shop to sell there product. The **QR code** will be used by customer to get the **nearby shop** can book there product. Using Encryption Technique to encrypt the data.

ACHIEVEMENTS

- 1. Achieved Silver Medal for Standing 2nd rank in SSC. (2013)
- 2. Participated in IMMO 2013 and achieved the 7th rank in college. (2014)
- 3. Participated in Bit Camp Hackathon held in RAIT College. (03/2019)
- 4. Runner-up in Inter School Volleyball Tournament. (2014)
- 5. Participated in Inter-Collegiate Cultural Festival OASIS Won 2nd prize in Volleyball (2014)

LANGUAGES

English Hindi

Full Professional Proficiency Native or Bilingual Proficiency

INTERESTS

Running

Volleyball